



Modified Form PTO/SB/08A

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				<i>Complete If Known</i>	
				Application Number	09/846,490
				Filing Date	April 30, 2001
				First Named Inventor	Eldridge et al.
				Group Art Unit	3729
				Examiner Name	C. Arbes
Sheet	1	of	6	Attorney Docket No.	P6D2-US

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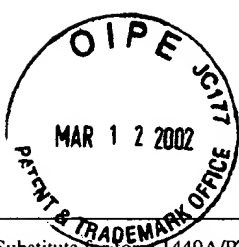
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U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions
		Number	Kind Code ²			
CJA	1	4032058		Riseman	6/28/1977	
gc	2	5103557		Leedy	4/14/1992	
gc	3	5187020		Kwon et al.	2/16/1993	
gc	4	5191708		Kasukabe et al.	3/9/1993	
gc	5	5354712		Ho et al	10/11/1994	
gc	6	5391521		Kim	2/21/1995	
gc	7	5513430		Yanof et al.	5/7/1996	
gc	8	6002266		Briggs et al.	12/14/1999	
gc	9	5917707		Khandros et al.	6/29/1999	
gc	10	6110823		Eldridge et al.	8/29/2000	
gc	11	6029344		Khandros et al.	2/29/2000	
gc	12	5772451		Dozier II, et al.	6/30/1998	
gc	13	2967216		Zablocki et al.	Jan-61	
gc	14	3663920		Lapham	May-72	
gc	15	3676776		Bauer et al.	Jul-72	
gc	16	3714384		Burkhardt	Jan-73	
gc	17	3771110		Reed	Nov-73	
gc	18	3826984		Eppele	Jul-74	
gc	19	3891924		Ardezzzone et al.	Jun-75	
gc	20	3994552		Selvin	Nov-76	
gc	21	4307928		Petlock Jr.	Dec-81	
gc	22	4338621		Braun	Jul-82	
gc	23	4358175		Reid	Nov-82	
gc	24	4466184		Cuneo et al.	Aug-84	
gc	25	4553192		Babuka	Nov-82	

Examiner Signature	C. J. Arbes	Date Considered	8/6/02
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Cja	26	4567433		Ohkubo et al.	Jan-86	
Cja	27	4593958		Baba	Jun-86	
Cja	28	4615573		White et al.	Oct-86	
Cja	29	4616404		Wang et al.	Oct-86	
Cja	30	4707655		Kruger	Nov-87	
Cja	31	4773877		Kruger et al.	Sep-88	
Cja	32	4831614		Duerig et al.	May-89	
Cja	33	4866504		Landis	Sep-89	
Cja	34	4893172		Matsumoto et al.	Jan-90	
Cja	35	4932883		Hsia et al.	Jun-90	
Cja	36	4965865		Trenary	Oct-90	
Cja	37	4993957		Shino	Feb-91	
Cja	38	5090118		Kwon et al.	Feb-92	
Cja	39	5152695		Grabbe et al.	Oct-92	
Cja	40	5191708		Kasukabe et al.	Mar-93	
Cja	41	5210939		Mallik et al.	May-93	
Cja	42	5221895		Janko et al.	Jun-93	
Cja	43	5308797		Kee	May-94	
Cja	44	5391521		Kim	Feb-95	
Cja	45	5469733		Yasue et al.	Nov-95	
Cja	46	5475318		Marcus et al.	Dec-95	
Cja	47	5632631		Fjelstad et al.	May-97	
Cja	48	5811982		Beaman et al.	Sep-98	
Cja	49	3832632		Ardezzzone	8/27/1974	
Cja	50	3654585		Wickersham	4/4/1972	

Examiner Signature	Cj. Arbes	Date Considered	8/6/02
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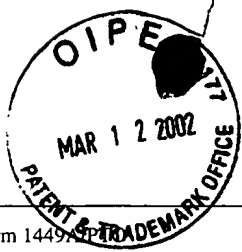
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CJA	51	3842189		Southgate	10/15/1974	
CJA	52	4085502		Ostman et al.	4/25/1978	
CJA	53	4548451		Benarr et al.	10/22/1985	
CJA	54	4707657		Boegh-Petersen	11/17/1987	
CJA	55	4983907		Crowley	1/8/1991	
CJA	56	5017738		Tsuji et al.	5/21/1993	
CJA	57	5067007		Kanji et al.	Nov-91	
CJA	58	5139427		Boyd et al.	8/18/1992	
CJA	59	5148103		Pasiecznik, Jr.	9/15/1992	
CJA	60	5187020		Kwon et al.	2/16/1993	
CJA	61	5228861		Grabbe	7/20/1993	
CJA	62	5317479		Pai et al.	5/31/1994	
CJA	63	5437556		Bargain et al.	8/1/1995	
CJA	64	5471151		DiFrancesco	11/28/1995	
CJA	65	5476211		Khandros	12/19/1995	
CJA	66	5806181		Khandros et al.	Sep-98	
CJA	67	5828226		Higgins et al.	Oct-98	
CJA	68	5852871		Khandros	Dec-98	
CJA	69	5900738		Kandros et al.	May-99	
CJA	70	6050829		Eldridge et al.	Apr-00	
CJA	71	5109596		Driller et al.	May-92	
CJA	72	5399982		Driller et al.	Mar-95	
CJA	73	4955523		Calomagno et al.	Sep-90	
CJA	74	5189507		Carlomagno et al.	Feb-93	

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ga	75	5455390		DiStefano et al.	Oct-95	
ga	76	5130779		Agarwala et al.	Jul-92	
ga	77	5071359		Arnio et al.	Dec-91	
ga	78	5072520		Nelson	Dec-91	
ga	79	5237743		Busacco et al.	Aug-93	
ga	80	5245751		Locke et al.	Sep-93	
ga	81	5379515		Kondo et al.	Jan-95	
ga	82	4947481		Ikedo et al.	Aug-90	

FOREIGN PATENT DOCUMENTS								
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		Office ³	Number ⁴	Kind Code ⁵				
ga	83	GB	1446196		Carrier	8/18/2076 1976		
ga	84	EP	295914		Karnezos	12/21/1988		
ga	85	EP	396248		Keiichi et al.	11/7/1990		
ga	86	EP	413042		Greschner et al.	2/10/1991		
ga	87	JP	4214650		Shoichi	8/5/1992		
ga	88	JP	6018555		Meisei Denshi Kogyo	1/25/1994		
ga	89	JP	6265575		Masamitsu et al.	9/22/1994		
ga	90	JP	6180329		Koichi	Jun-94		
ga	91	WO	9112706		Leedy	Aug-91		
ga	92	WO	9409513		Leedy	Apr-94		
ga	93	DE	4237591		Mang et al	5/11/1994		
ga	94	EP	369112		Mang et al	5/23/1990		
ga	95	EP	402756		Yasujato et al	12/19/1990		

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qja	96	JP	365659		Kenjiro	Mar-91	
qja	97	JP	451535			Dec-91	
qja	98	JP	529406		NAKAO	Feb-93	
qja	99	JP	588960			Feb-83	
qja	100	JP	650990			Feb-94	
qja	101	JP	772172		Hiro Yuki et al	Mar-95	
qja	102	JP	1152271		NAKAZIMA et al	Oct-89	
qja	103	JP	1255240		Minoru	10/12/1989	
qja	104	JP	2226996		Hiroshi	Jan-00	
qja	105	JP	3292406		Keiichi	Nov-88	
qja	106	JP	4207047		Etaru	Sep-90	
qja	107	JP	4240570		NAO AKI	Aug-92	
qja	108	JP	4294559		Hiroshi et al	Oct-92	
qja	109	JP	4357848		SHUHEI	12/10/1992	
qja	110	JP	5218156		Ryuichi et al	Aug-93	
qja	111	JP	6119770		Sugino	Feb-86	
qja	112	JP	6244285			Mar-87	
qja	113	JP	6249924		Kazumi et al	Sep-94	
qja	114	JP	6273445		MA SAO	Sep-94	

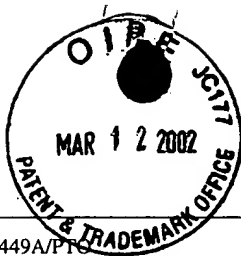
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oja	115	JP	6313775			Nov-94		
oja	116	JP	6363777			Apr-88		
oja	117	JP	58178293		Motoki et al	Nov-83		
oja	118	JP	59149070		Mizuno	Oct-84		
oja	119	JP	62160373		Mizumo et al	Oct-87		
oja	120	JP	63243768		Minew et al	Oct-88		
oja	121	JP	63279477		Yuji et al	Mar-91		

OTHER PRIOR ART – NONPATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²	
cp	122	"Robust Method Using Simple Unit Processes For Thin Film Cu-Polyimide Packaging Structures," IBM Technical Disclosure Bulletin, vol. 34, no. 10A (March 1992)		

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